

PURCHASE AREA
OCCUPATIONAL OUTLOOK TO 2005

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PREFACE

The Labor Market Information in this publication is based on a vast array of labor market statistics collected and developed by the staff of the Research and Statistics (R & S) Branch of the Kentucky Department for Employment Services. The Labor Market Information (LMI) Section within the R & S Branch developed the projections and this publication.

The Kentucky Occupational Employment Statistics (OES) survey of Kentucky employers provided the occupational employment data used in this study. This is a statewide survey of approximately 11,000 employers representing the various industries in Kentucky. The employment data used to project industries to the year 2005 were based on the Current Employment Statistics (CES) and the Employment and Wages (ES-202) programs. The projected total growth in each Area Development District (ADD) was based on employment data from 1971 through 1996 developed from the Local Area Unemployment Statistics (LAUS) program. Data from all of the above programs were used to develop the occupational outlook to 2005 publications for each Area Development District listed below.

Purchase Area	Buffalo Trace and Gateway Areas
Pennyrile Area	FIVCO Area
Green River Area	Big Sandy Area
Barren River Area	Kentucky River Area
Lincoln Trail Area	Cumberland Valley Area
Louisville (KIPDA) Area	Lake Cumberland Area
Northern Kentucky Area	Bluegrass Area

The projections and this publication are funded by the U. S. Department of Labor (USDOL), Employment and Training Administration. The national industry and occupational projections developed by the U. S. Department of Labor's Bureau of Labor Statistics were used in the process to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U. S. Department of Commerce, Bureau of Economic Analysis provided additional statistics necessary in the projection process. The personal computer-based model used for the occupational projections was developed by the Utah Department of Economic Security. Special thanks go to the Kentucky employers who completed the questionnaires that provided the employment information necessary for this effort.

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INTRODUCTION

Which jobs will be in demand in the Purchase Area from now until the year 2005? Which occupations will provide the most job openings each year through 2005? Which occupations are likely to grow the fastest from 1994 to 2005? The *Purchase Area Occupational Outlook to 2005* offers some insight into these questions. Students, job seekers, counselors, employers and others should find this report helpful as a resource for the occupational outlook of the Purchase Area through 2005.

This report contains highlights and a user's guide to occupational outlook statistics that provide answers to frequently asked questions about occupational outlook statistics. Also included are tables of the top 48 Purchase Area occupations with the most annual job openings and the top 50 fastest-growing Purchase Area occupations. The Purchase Area Occupational Employment Outlook and Job Openings table beginning on page 9 provides occupational employment projections for these top occupations and many other occupations as well. This table also presents, for each of these occupations, the number and percentage of change in employment and the average number of job openings each year from 1994 through 2005.

While this study provides projections of occupational trends and job openings in the Purchase Area, it should be stressed that the estimates are subject to limitations that are a part of any effort to determine future conditions. It is impossible to predict what the Purchase Area will look like in 2005. The projections of long-term trends into the future, however, should provide valuable insight into the likely magnitude of occupational growth or decline in the area. The projections have been carefully prepared using accepted methods within a framework of national, state and area assumptions. They will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available. For a detailed description of the projection methods, assumptions and limitations, please reference pages 49-52 in the **Kentucky Occupational Outlook to 2005**.

The estimates in this report reflect only the demand for labor from 1994 through 2005. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

With a projected tighter labor market resulting from Kentucky's labor force growing more slowly than employment, along with the structural and technological changes which are taking place in all industries, the development and utilization of our human resources have become a top priority for all those concerned with employment training. Education and training programs that can meet the needs of employers today and in the future will take on even greater importance. To meet this challenge, it is crucial that education and training planners, business, labor, government and job seekers have the necessary occupational information to assist them in making informed, intelligent decisions in the development of these education and training programs as well as individual career choice. This publication was designed to assist users in these tasks.

HIGHLIGHTS

- Purchase Area employment is expected to grow from 88,243 to 102,400 between 1994 and 2005, a gain of 16.0 percent.
- Between 1994 and 2005, the total annual job openings are expected to be about 3,243.
- Growth in employment will make available about 1,270 job openings annually.
- Approximately 1,973 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- Approximately 40 percent of job openings will result from growth, and the remaining 60 percent will result from separations from the labor force.
- The greatest number of job openings will be in the Operating, Fabricating and Labor Occupations (663) followed closely by the Service Occupations (550) and the Professional, Paraprofessional and Technical Occupations (534).
- Particular occupations with the greatest percentage of change from 1994 to 2005 in the Purchase Area are Physical Therapists (98.7%), Systems Analysts, (91.3%), Physical and Corrective Therapy Assistants (90.4%), Amusement and Recreation Attendants (82.2%) and Home Health Aides (80.2%).
- The largest growth rates between 1994 and 2005 are expected in the Professional, Paraprofessional and Technical occupations (20.3%), the Service Occupations (20.1%), and Marketing and Sales Occupations (18.3%).
- The top two Purchase Area occupations with the most annual job openings are Cashiers (177) and Retail Salespersons (121).

A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?

- 1) Total average annual job openings and
- 2) Employment change expressed as a percentage

The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.

What creates job openings?

- 1) Employment growth (new jobs)
- 2) Employment separations (job vacancies created by persons separating from an occupation)

What causes employment change?

Industrial growth or decline has the greatest influence on employment change. Industrial growth occurs when the demand for goods and services rises and, in turn, the demand for workers to produce those goods and services rises.

Technological change can raise the demand for some skills while eliminating the need for others. As this shift is going on, demand in the industry as a whole may be rising or falling.

New ways of doing business such as self service, out-sourcing, or 24-hour operations can affect employment change.

Then what about employment separations?

Employment separations are still important when evaluating an occupation's potential outlook. Job openings are created by persons separating from an occupation because of retirements, promotions into different occupations, career changes, or deaths. In many instances, the number of employment separations exceeds new jobs.

Do workers tend to leave one occupation more than another?

Every occupation has a different rate of employment separations. Those occupations that require much education and training and/or have a high percentage of full-time workers tend to have low separation rates. But occupations that require little education and/or training tend to have higher separation rates.

What factors affect the number of job openings for an occupation?

- 1) The overall size of the occupation: How many workers are employed already?
- 2) The occupation's separation rate: How many job vacancies are created from workers separating from the occupation?
- 3) The occupation's rate of change: How fast is it growing or declining?

Which factor is more important?

Size of employment and separation rate are more important than rate of change in affecting the number of job openings.

What is the best way to compare one occupation with another?

- 1) Look at the total average annual job openings, not just openings resulting from growth. A large number of openings means it should be relatively easy to find a job in that occupation.
- 2) Look at the employment change expressed as a percentage. A high percentage increase in employment means that there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

Top 48
Purchase Area Occupations With The Most Annual Job Openings

<u>Occupation Code</u>	<u>Occupational Title</u>	<u>Job Openings</u>		
		<u>Average Annual 1994 - 2005</u>		
		<u>Growth</u>	<u>Separations</u>	<u>Total</u>
<u>Executive, Administrative & Managerial Occupations</u>				
19005	General Managers & Top Executives	33	45	78
15026	Food Service & Lodging Managers	16	11	27
<u>Professional, Paraprofessional & Technical Occupations</u>				
32502	Registered Nurses	22	21	43
31305	Teachers, Elementary	15	24	39
31308	Teachers, Secondary	6	21	27
32505	Licensed Practical Nurses	8	13	21
31311	Teachers, Special Education	12	5	17
32102	Physicians	9	6	15
<u>Marketing & Sales Occupations</u>				
49023	Cashiers	59	118	177
49011	Salesperson, Retail	41	80	121
41002	Marketing & Sales, Supervisors	21	22	43
49021	Stock Clerks, Sales Floor	8	21	29
49017	Counter & Rental Clerks	10	10	20
49005	Sales Representatives, Science	8	8	16
<u>Administrative Support Occupations, Clerical</u>				
55347	General Office Clerks	17	35	52
55108	Secretaries, Except Legal & Medical	16	30	46
51002	Clerical Supervisors	12	16	28
55305	Receptionists & Information Clerks	16	11	27
55338	Bookkeeping, Accounting, Audit Clerks	-5	21	21
53102	Bank Tellers	-13	18	18
58023	Stock Clerks: Stockroom, Warehouse	6	12	18
<u>Service Occupations</u>				
67005	Janitors & Cleaners	30	25	55
65008	Waiters & Waitresses	13	40	53
65041	Combined Food Prep & Service Workers	27	18	45
66008	Nursing Aides & Orderlies	22	18	40
65032	Cooks, Fast Food	12	16	28
65038	Food Preparation Workers	15	9	24
68038	Child Care Workers	15	7	22
65026	Cooks, Restaurant	10	11	21

Top 48
Purchase Area Occupations With The Most Annual Job Openings cont'd

Occupation Code	Occupational Title	Job Openings		
		Average Annual		
		1994 - 2005		
		Growth	Separations	Total
<u>Service Occupations cont'd</u>				
66005	Medical Assistants	15	5	20
66011	Home Health Aides	15	3	18
67002	Maids & Housekeeping Cleaners	7	10	17
63014	Police Patrol Officers	6	9	15
<u>Agriculture, Forestry, Fishing & Related Occupations</u>				
71002	Farmers	-19	48	48
<u>Precision Production, Craft & Repair Occupations</u>				
85132	Maintenance Repairers, General Utilities	17	19	36
85302	Automotive Mechanics	16	17	33
87102	Carpenters	9	18	27
87202	Electricians	11	14	25
81008	First Line Supervisors, Product	4	15	19
89108	Machinists	9	9	18
87402	Painters & Paperhangers	8	9	17
<u>Operators, Fabricators & Laborers</u>				
97102	Truck Drivers, Heavy	44	31	75
92935	Chemical Equipment Controllers/Operators	20	32	52
93938	Meat, Poultry & Fish Cutters	35	15	50
97105	Truck Drivers, Light	22	19	41
93914	Welders & Cutters	9	13	22
97514	Able Seamen	4	15	19
98902	Hand Packers & Packagers	6	9	15

**Top 50
Fast-Growing Purchase Area Occupations**

<u>Occupation Code</u>	<u>Occupation Title</u>	<u>Fast-Growing Occupations</u>				<u>Total</u>
		<u>Employment</u>		<u>Change</u>		<u>Job Openings</u>
		<u>Actual</u>	<u>Projected</u>	<u>1994 - 2005</u>		<u>Average Annual</u>
		<u>1994</u>	<u>2005</u>	<u>Number</u>	<u>Percent</u>	<u>1994 - 2005</u>
<u>Professional, Paraprofessional</u>						
<u>Technical Occupations</u>						
32308	Physical Therapists	77	153	76	98.7	8
25102	Systems Analyst	58	111	53	91.4	6
22302	Architects, Except Landscape & Marine	35	60	25	71.4	3
28305	Paralegals	42	71	29	69.1	3
22121	Civil Engineers, Including Traffic	58	97	39	67.2	6
32314	Speech Pathologists, Audiologist	53	85	32	60.3	4
22132	Safety Engineers, Except Mining	32	49	17	53.1	3
32911	Medical Records Technicians	67	102	35	52.2	4
27307	Residential Counselors	44	64	20	45.5	3
31321	Instructors & Coaches, Sports	96	139	43	44.8	5
31311	Teachers, Special Education	297	429	132	44.4	17
32908	Dental Hygienists	60	86	26	43.3	3
32508	Emergency Medical Technicians	93	133	40	43.0	6
32928	Surgical Technologists	106	150	44	41.5	6
34056	Producers, Directors, Actors	27	38	11	40.7	2
27308	Human Services Workers	115	155	40	34.8	7
32302	Respiratory Therapists	75	101	26	34.7	3
21908	Construction, Building Inspectors	35	47	12	34.3	2
<u>Marketing & Sales Occupations</u>						
43005	Brokers, Real Estate	141	191	50	35.5	8
<u>Administrative Support Occupations, Clerical</u>						
53123	Adjustment Clerks	201	296	95	47.3	11
53508	Bill & Account Collectors	172	248	76	44.2	9
58011	Transportation Agents	28	38	10	35.7	1
55102	Legal Secretaries	111	150	39	35.1	6
53311	Insurance Claims Clerks	55	74	19	34.6	3
<u>Service Occupations</u>						
66017	Physical & Corrective Therapy Assistants	104	198	94	90.4	12
68014	Amusement & Recreation Attends	73	133	60	82.2	7
66011	Home Health Aides	212	382	170	80.2	18
63017	Correction Officers	110	189	79	71.8	9
66005	Medical Assistants	251	419	168	66.9	20

**Top 50
Fast-Growing Purchase Area Occupations cont'd**

Occupation Code	Occupation Title	Fast-Growing Occupations				Total
		Employment		Change		Job Openings
		<u>Actual</u>	<u>Projected</u>	<u>1994 - 2005</u>		<u>Average Annual</u>
		<u>1994</u>	<u>2005</u>	<u>Number</u>	<u>Percent</u>	<u>1994 - 2005</u>
<u>Service Occupations cont'd</u>						
67008	Pest Controllers & Assistants	41	65	24	58.5	3
68035	Personal & Home Care Aides	56	83	27	48.2	3
63032	Sheriffs & Deputy Sheriffs	53	72	19	35.9	3
<u>Agriculture, Forestry, Fishing & Related Occupations</u>						
79005	Nursery Workers	64	98	34	53.1	4
79038	Lawn Maintenance Workers	78	112	34	43.6	4
79806	Veterinary Assistants	28	39	11	39.3	2
79017	Animal Caretakers, Except Farm	75	104	29	38.7	5
72002	First Line Supervisors: Agriculture, Forest, Fish	33	44	11	33.3	2
<u>Precision Production, Craft & Repair Occupations</u>						
85902	Heat, A/C, Refrigeration Mechanics	210	307	97	46.2	14
85953	Tire Repairers & Changers	128	173	45	35.1	8
<u>Operators, Fabricators & Laborers</u>						
92708	Extruding & Forming Machine Operators/Tenders	32	57	25	78.1	3
93938	Meat, Poultry & Fish Cutters	579	959	380	65.6	50
91502	Numerical Control Mach Operators	54	89	35	64.8	4
91705	Welding Machine Operators	27	44	17	63.0	3
91908	Metal Molding Machine Setters/Operators	56	89	33	58.9	5
93111	Electromechanical Equipment Assemblers	50	74	24	48.0	3
98311	Helpers, Brick & Stone Mason	114	162	48	42.1	7
93902	Machine Assemblers	175	245	70	40.0	10
92721	Sewing Mach Operators, Non-Garment	89	121	32	36.0	4
93114	Electrical, Electronic Assemblers	31	42	11	35.5	2
97114	Taxi Drivers & Chauffeurs	38	51	13	34.2	1
97702	Aircraft Pilots & Flight Engineers	33	44	11	33.3	2

EXPLANATION OF DATA ELEMENTS ON THE OCCUPATIONAL OUTLOOK TABLE

1994 To 2005



Occupational Employment Outlook And Job Openings

Occupational		Employment		Change		Job Openings		
		1994	2005	1994 - 2005		Average Annual 1994 - 2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total

OCCUPATIONAL CODE & OCCUPATIONAL TITLE

- The occupations in this report are based on the National *Occupational Employment Statistics* (OES) Title & Coding Structure.

EMPLOYMENT 1994 2005

- Occupational employment estimates for 1994 are based on the *Occupational Employment Statistics* (OES) survey of Kentucky employers, and the projected occupational estimates of employment to 2005 are based on industry projections and projected occupational change factors between 1994 and 2005.

NOTE:

- Occupational employment estimates for 1994 and 2005 include all classes of workers such as public and private wage and salary, agricultural, private household and self-employed.

CHANGE 1994 - 2005

- **Number** - Total number of jobs in an occupation gained or lost over the 1994 to 2005 period.
- **Percent** - Percent change in employment in an occupation over the 11-year projected period.

NOTE:

- In Kentucky, the average percent change over the 11-year period for all occupations is 17.3%; therefore, the following general rule applies:

An occupation is expected to experience:

- 1) average growth if percent change is between 15% and 20%;
- 2) very fast growth if > 35%;
- 3) fast growth if > 20% < 35%;
- 4) slow growth if > 5% < 15%;
- 5) very slow growth if > 0% < 5%;
- 6) declining or negative growth if < 0%.

AVERAGE ANNUAL JOB OPENINGS

- The **Growth** column provides estimates of job openings per year in an occupation which is expected to result from employment growth.
- The **Separations** column provides estimates of job openings per year in an occupation, resulting from workers separating or leaving the occupation, requiring replacement workers. These job openings occur from retirements, promotions or transfers within occupations.
- The **Total** column provides estimates of the total number of job openings expected to be created each year from employment growth (**Growth**), and/or workers leaving the occupation (**Separations**).
- If employment growth in an occupation is negative (that is, there is a decline in the number of workers employed in that occupation from 1994 to 2005), then "**Total**" job openings for that occupation will equal the number of "**Separations**." They are equal because the separation estimate already accounts for the negative employment growth.

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	88,243	102,400	14,157	16.0	1,270	1,973	3,243
10000	Executive, Administrative & Managerial Occupations	5,123	5,994	871	17.0	78	109	187
11000	Managerial & Administrative Occupations	5,123	5,994	871	17.0	78	109	187
13000	Administrative Specialty Managers	1,030	1,204	174	16.9	15	21	36
13002	Financial Managers	367	434	67	18.3	6	7	13
13005	Personnel, Training, & Labor Relations Managers	116	128	12	10.3	1	3	4
13008	Purchasing Managers	95	99	4	4.2	0	2	2
13011	Marketing, Advertising & Public Relations Managers	200	241	41	20.5	4	4	8
13014	Administrative Services Managers	110	125	15	13.6	1	2	3
13017	Engineering, Math, & Natural Sciences Managers	142	177	35	24.7	3	3	6
15000	Line & Middle Management	1,628	1,930	302	18.6	27	36	63
15002	Postmasters & Mail Superintendents	58	55	-3	-5.2	0	1	1
15005	Education Administrators	250	274	24	9.6	2	7	9
15008	Medicine & Health Service Managers	237	272	35	14.8	3	5	8
15011	Property & Real Estate Managers	91	105	14	15.4	1	2	3
15014	Industrial Production Managers	171	191	20	11.7	2	4	6
15017	Construction Managers	145	189	44	30.3	4	3	7
15023	Communication, Transportation & Utilities Manager	139	132	-7	-5.0	-1	3	3
15026	Food Service & Lodging Managers	516	687	171	33.1	16	11	27
15031	Nursery & Greenhouse Managers	*	*	*	*	*	*	*
15032	Lawn Service Managers	*	*	*	*	*	*	*
19000	Other Managers & Administrators	2,465	2,860	395	16.0	36	52	88
19002	Government Chief Executives & Legislatures	*	*	*	*	*	*	*
19005	General Managers & Top Executives	2,145	2,503	358	16.7	33	45	78
19999	All Other Managers & Administrators	298	333	35	11.7	3	6	9

Executive, Administrative & Managerial Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Professional, Paraprofessional, & Technical Occupations

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005		Average Annual 1994-2005		
				Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	88,243	102,400	14,157	16.0	1,270	1,973	3,243
20000	Professional, Paraprofessional, Technical Occupations	14,443	17,370	2,927	20.3	259	275	534
21000	Management Support Occupations	1,631	1,835	204	12.5	20	30	50
21100	Accountants, Auditors, Financial Specialists	642	722	80	12.5	8	12	20
21102	Underwriters	*	*	*	*	*	*	*
21105	Credit Analysts	*	*	*	*	*	*	*
21108	Loan Officers & Counselors	125	132	7	5.6	1	2	3
21111	Tax Preparers	35	45	10	28.6	1	1	2
21114	Accountants & Auditors	397	463	66	16.6	6	8	14
21117	Budget Analysts	*	*	*	*	*	*	*
21199	All Other Financial Specialists	53	50	-3	-5.7	0	1	1
21300	Purchasing Agents & Buyers	158	174	16	10.1	2	3	5
21302	Wholesale & Retail Buyers, Except Farm	56	63	7	12.5	1	1	2
21305	Purchasing Agents & Buyers, Farm	*	*	*	*	*	*	*
21308	Purchasing Agents, Except Farm Products	81	90	9	11.1	1	2	3
21500	Personnel Specialists & Related Occupations	303	338	35	11.6	3	6	9
21502	Claims Takers, Unemployment Benefits	*	*	*	*	*	*	*
21505	Special Agents, Insurance	*	*	*	*	*	*	*
21508	Employment Interviewers	45	46	1	2.2	0	1	1
21511	Personnel, Training & Labor Relations Specialists	241	275	34	14.1	3	5	8
21900	All Other Management Support	528	601	73	13.8	7	9	16
21902	Cost Estimators	88	110	22	25.0	2	1	3
21905	Management Analysts	*	*	*	*	*	*	*
21908	Construction & Building Inspectors	35	47	12	34.3	1	1	2
21911	Inspectors & Compliance Officers, Ex. Construction	192	213	21	10.9	2	4	6
21914	Tax Examiners, Collectors & Revenue Agents	*	*	*	*	*	*	*
21917	Assessors	*	*	*	*	*	*	*
21921	Claims Examiners, Property & Casualty Insurance	*	*	*	*	*	*	*
21999	All Other Management Support Workers	167	179	12	7.2	1	3	4
22000	Engineers & Related Occupations	1,202	1,562	360	30.0	31	30	61
22100	Engineers	644	846	202	31.4	18	17	35
22105	Metallurgists & Related Engineers	*	*	*	*	*	*	*
22114	Chemical Engineers	212	259	47	22.2	4	6	10
22121	Civil Engineers, Including Traffic Engineers	58	97	39	67.2	4	2	6
22126	Electrical & Electronics Engineers	82	109	27	32.9	2	2	4
22127	Computer Engineers	*	*	*	*	*	*	*
22128	Industrial Engineers, Except Safety Engineers	38	43	5	13.2	0	1	1
22132	Safety Engineers, Except Mining	32	49	17	53.1	2	1	3
22135	Mechanical Engineers	115	149	34	29.6	3	3	6
22138	Marine Engineers	*	*	*	*	*	*	*
22199	All Other Engineers	82	104	22	26.8	2	2	4
22301	Architects, Surveyors & Mapping Scientists	58	109	51	87.9	4	1	5
22302	Architects, Except Landscape & Marine	35	60	25	71.4	2	1	3
22308	Landscape Architects	*	*	*	*	*	*	*
22311	Surveying & Mapping Scientists	*	*	*	*	*	*	*
22500	Engineering & Related Technicians & Technologists	500	607	107	21.4	9	12	21
22502	Civil Engineering Technicians & Technologists	90	114	24	26.7	2	2	4
22505	Electrical & Electronic Technicians & Technologists	76	97	21	27.6	2	2	4
22508	Industrial Engineering Technicians & Technologists	*	*	*	*	*	*	*
22511	Mechanical Engineering Technicians/Technologists	69	80	11	15.9	1	2	3
22514	Drafters	142	180	38	26.8	3	3	6

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
22517	Estimators & Drafters, Utilities	*	*	*	*	*	*	*
22521	Surveying & Mapping Technicians	31	27	-4	-12.9	0	1	1
22599	All Other Engineering Technicians & Technologists	84	100	16	19.1	1	2	3
24000	Natural Scientists & Related Occupations	423	469	46	10.9	4	9	13
24100	Physical Scientists	108	119	11	10.2	1	3	4
24102	Physicists & Astronomers	*	*	*	*	*	*	*
24105	Chemists	92	99	7	7.6	1	3	4
24108	Meteorologists	*	*	*	*	*	*	*
24111	Geologists, Geophysicists, Oceanographers	*	*	*	*	*	*	*
24199	All Other Physical Scientists	*	*	*	*	*	*	*
24300	Life Scientists	43	45	2	4.7	0	0	0
24302	Foresters & Conservation Scientists	*	*	*	*	*	*	*
24305	Agricultural & Food Scientists	*	*	*	*	*	*	*
24308	Biological Scientists	*	*	*	*	*	*	*
24311	Medical Scientists	*	*	*	*	*	*	*
24399	All Other Life Scientists	*	*	*	*	*	*	*
24500	Physical & Life Science Technicians & Technologists	272	305	33	12.1	3	6	9
24502	Biological & Agriculture Technicians	*	*	*	*	*	*	*
24505	Chemical Technicians, Except Health	188	205	17	9.0	2	4	6
24599	All Other Science Technicians	67	78	11	16.4	1	2	3
25000	Computer, Mathematical & Related Occupations	226	318	92	40.7	8	5	13
25100	Computer Scientists & Related Workers	214	305	91	42.5	8	5	13
25102	Systems Analysts	58	111	53	91.4	5	1	6
25103	Database Administrators	*	*	*	*	*	*	*
25104	Computer Support Specialists	*	*	*	*	*	*	*
25105	Computer Programmers	97	104	7	7.2	1	3	4
25108	Computer Programmer Aides	*	*	*	*	*	*	*
25111	Programmers, Numerical, Tool & Process Control	*	*	*	*	*	*	*
25199	All Other Computer Scientists	*	*	*	*	*	*	*
25301	Mathematical Scientists & Related Workers	*	*	*	*	*	*	*
25302	Operations Research Analysts	*	*	*	*	*	*	*
25310	Mathematical Scientists	*	*	*	*	*	*	*
25313	Actuaries	*	*	*	*	*	*	*
25315	Financial Analysts, Statistical	*	*	*	*	*	*	*
25319	Mathematicians & All Other Math Scientists	*	*	*	*	*	*	*
27000	Social Scientists, Recreation, Religion Occupations	1,026	1,236	210	20.5	19	21	40
27100	Social Scientists	42	49	7	16.7	0	0	0
27102	Economists	*	*	*	*	*	*	*
27105	Urban & Regional Planners	*	*	*	*	*	*	*
27108	Psychologists	28	33	5	17.9	0	0	0
27199	All Other Social Scientists	*	*	*	*	*	*	*
27200	Social, Recreational & Religious Workers	984	1,187	203	20.6	19	21	40
27302	Social Workers, Medical & Psychiatric	127	158	31	24.4	3	3	6
27305	Social Workers, Except Medical & Psychiatric	171	188	17	9.9	2	3	5
27307	Residential Counselors	44	64	20	45.5	2	1	3
27308	Human Services Workers	115	155	40	34.8	4	3	7
27311	Recreation Workers	78	92	14	18.0	1	2	3
27502	Clergy	385	454	69	17.9	6	8	14
27505	Directors, Religious Activities & Education	55	66	11	20.0	1	1	2
27599	All Other Religious Workers	*	*	*	*	*	*	*
28000	Law & Related Occupations	408	509	101	24.8	9	5	14
28100	Lawyers & Judicial Workers	327	396	69	21.1	6	5	11

Professional, Paraprofessional, & Technical Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Professional, Paraprofessional, & Technical Occupations

Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
28102	Judges & Magistrates	*	*	*	*	*	*	*
28105	Adjudicators, Hearing Officials & Judicial Reviewers	*	*	*	*	*	*	*
28108	Lawyers	286	355	69	24.1	6	4	10
28300	Legal Assistants and Technicians, Except Clerical	81	113	32	39.5	3	0	3
28302	Law Clerks	*	*	*	*	*	*	*
28305	Paralegals	42	71	29	69.1	3	0	3
28399	All Other Legal Assistants	*	*	*	*	*	*	*
31000	Teachers, Librarians, & Counselors	4,108	4,839	731	17.8	64	81	145
31100	College, Junior College & University Faculty	553	642	89	16.1	6	15	21
31111	Lecturers	*	*	*	*	*	*	*
31114	Nursing Instructors	27	32	5	18.5	0	1	1
31117	Graduate Assistants, Teaching	*	*	*	*	*	*	*
31202	Life Science Teachers	101	116	15	14.9	1	3	4
31204	Chemistry Teachers	*	*	*	*	*	*	*
31206	Physics Teachers	*	*	*	*	*	*	*
31209	All Other Physical Sciences Teachers	*	*	*	*	*	*	*
31210	Social Sciences Teachers	71	83	12	16.9	1	2	3
31212	Health Specialties Teachers	30	35	5	16.7	0	1	1
31216	English & Foreign Language Teachers	54	63	9	16.7	1	2	3
31218	Art, Drama, & Music Teachers	36	42	6	16.7	1	1	2
31222	Engineering Teachers	*	*	*	*	*	*	*
31224	Mathematical Sciences Teachers	28	33	5	17.9	0	1	1
31226	Computer Science Teachers	*	*	*	*	*	*	*
31299	All Other Postsecondary Teachers	133	153	20	15.0	2	4	6
31300	Teachers & Instructors	2,929	3,437	508	17.3	46	57	103
31302	Teachers, Preschool & Kindergarten	190	231	41	21.6	4	3	7
31305	Teachers, Elementary	1,136	1,301	165	14.5	15	24	39
31308	Teachers, Secondary School	765	831	66	8.6	6	21	27
31311	Teachers, Special Education	297	429	132	44.4	12	5	17
31314	Teachers & Instructors, Vocational Education	276	313	37	13.4	3	2	5
31317	Instructors, Adult, (Non-Vocational) Education	29	38	9	31.0	1	0	1
31321	Instructors & Coaches, Sports & Physical Training	96	139	43	44.8	4	1	5
31323	Farm & Home Management Advisors	37	38	1	2.7	0	0	0
31399	All Other Teachers & Instructors	103	117	14	13.6	1	1	2
31400	Librarians, Archivists, Curators, & Related Workers	626	760	134	21.4	12	9	21
31502	Librarians, Professional	101	103	2	2.0	0	2	2
31505	Technical Assistants, Library	*	*	*	*	*	*	*
31508	Audio-Visual Specialists	*	*	*	*	*	*	*
31511	Curators, Archivists, Museum Technicians/Restorers	*	*	*	*	*	*	*
31514	Counselors	99	120	21	21.2	2	2	4
31517	Instructional Coordinators	57	65	8	14.0	1	0	1
31521	Teacher Aides, Paraprofessional	338	437	99	29.3	9	5	14
32000	Health Practitioners, Technicians & Related Workers	4,449	5,427	978	22.0	86	76	162
32101	Health Diagnosing & Treating Occupations	611	743	132	21.6	12	12	24
32102	Physicians	386	481	95	24.6	9	6	15
32105	Dentists	103	107	4	3.9	0	3	3
32108	Optometrists	35	43	8	22.9	1	1	2
32111	Podiatrists	*	*	*	*	*	*	*
32113	Chiropractors	55	72	17	30.9	2	1	3
32114	Veterinarians & Veterinary Inspectors	27	32	5	18.5	0	1	1
32300	Therapists	242	397	155	64.1	14	3	17
32302	Respiratory Therapists	75	101	26	34.7	2	1	3

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
32305	Occupational Therapists	*	*	*	*	*	*	*
32308	Physical Therapists	77	153	76	98.7	7	1	8
32314	Speech-Language Pathologists & Audiologist	53	85	32	60.4	3	1	4
32317	Recreational Therapists	*	*	*	*	*	*	*
32399	All Other Therapists	*	*	*	*	*	*	*
32501	Health Care Maintenance & Treatment Occupations	2,533	2,968	435	17.2	39	42	81
32502	Registered Nurses	1,403	1,640	237	16.9	22	21	43
32505	Licensed Practical Nurses	693	784	91	13.1	8	13	21
32508	Emergency Medical Technicians	93	133	40	43.0	4	2	6
32511	Physician Assistants	*	*	*	*	*	*	*
32514	Opticians, Dispensing & Measuring	74	97	23	31.1	2	2	4
32517	Pharmacists	143	159	16	11.2	1	2	3
32518	Pharmacy Technicians	74	90	16	21.6	1	1	2
32521	Dietitians & Nutritionists	29	35	6	20.7	1	1	2
32523	Dietetic Technicians	*	*	*	*	*	*	*
32901	Health Technicians & Technologists	1,063	1,319	256	24.1	21	19	40
32902	Medical & Clinical Laboratory Technologists	132	130	-2	-1.5	0	3	3
32905	Medical & Clinical Laboratory Technicians	95	103	8	8.4	1	2	3
32908	Dental Hygienists	60	86	26	43.3	2	1	3
32911	Medical Records Technicians	67	102	35	52.2	3	1	4
32914	Nuclear Medicine Technologists	78	93	15	19.2	1	1	2
32917	Radiologic Technologists	51	67	16	31.4	1	1	2
32921	Radiologic Technicians	*	*	*	*	*	*	*
32923	Electroneurodiagnostic Technologists	*	*	*	*	*	*	*
32925	Cardiology Technologists	*	*	*	*	*	*	*
32926	EKG Technicians	*	*	*	*	*	*	*
32928	Surgical Technologists	106	150	44	41.5	4	2	6
32931	Psychiatric Technicians	66	64	-2	-3.0	0	1	1
32951	Veterinary Technicians & Technologists	*	*	*	*	*	*	*
32999	All Other Health Professionals/Paraprofessionals	355	466	111	31.3	10	7	17
34000	Writers, Editors, Artists, Entertainers, & Athletes	768	913	145	18.9	13	14	27
34001	Writers, Editors, Artists, Entertainers, & Athletes	768	913	145	18.9	13	14	27
34002	Writers & Editors	67	70	3	4.5	0	1	1
34005	Technical Writers	*	*	*	*	*	*	*
34008	Public Relations Specialists, Publicity Writers	*	*	*	*	*	*	*
34011	Reporters & Correspondents	41	43	2	4.9	0	1	1
34014	Broadcast News Analysts	*	*	*	*	*	*	*
34017	Announcers, Radio & Television	55	65	10	18.2	1	2	3
34023	Photographers	65	73	8	12.3	1	1	2
34026	Camera Operators, TV, Motion Picture, & Video	*	*	*	*	*	*	*
34028	Broadcast Technicians	26	28	2	7.7	0	1	1
34032	Film Editors	*	*	*	*	*	*	*
34035	Artists & Commercial Artists	80	92	12	15.0	1	2	3
34038	Designers, Except Interior Designers	135	180	45	33.3	4	2	6
34041	Interior Designers	*	*	*	*	*	*	*
34044	Merchandise Displayers & Window Dressers	28	34	6	21.4	1	0	1
34047	Music Director, Singers & Related Musicians	82	97	15	18.3	1	1	2
34051	Musicians, Instrumental	66	75	9	13.6	1	1	2
34053	Dancers & Choreographers	*	*	*	*	*	*	*
34056	Producers, Directors, Actors & Entertainers	27	38	11	40.7	1	1	2
34058	Athletes, Coaches, Umpires, & Related Workers	30	36	6	20.0	1	1	2
39000	Other Professionals, Paraprofessionals, Technicians	202	262	60	29.7	5	4	9

Professional, Paraprofessional, & Technical Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
39001	Other Professionals, Paraprofessionals, Technicians	202	262	60	29.7	5	4	9
39002	Air Traffic Controllers & Airplane Dispatchers	*	*	*	*	*	*	*
39008	Radio Operators	*	*	*	*	*	*	*
39011	Funeral Directors & Morticians	53	62	9	17.0	1	1	2
39014	Embalmers	*	*	*	*	*	*	*
39999	All Other Professionals, Paraprofessionals, Tech.	129	176	47	36.4	4	3	7

Professional, Paraprofessional, & Technical Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	88,243	102,400	14,157	16.0	1,270	1,973	3,243
40000	Marketing & Sales Occupations	10,946	12,951	2,005	18.3	181	318	499
41000	Marketing & Sales, Supervisors	1,242	1,469	227	18.3	21	22	43
41001	Marketing & Sales, Supervisors	1,242	1,469	227	18.3	21	22	43
41002	Marketing & Sales, Supervisors	1,242	1,469	227	18.3	21	22	43
43000	Marketing & Sales, Services	954	1,083	129	13.5	12	19	31
43001	Marketing & Sales, Services	954	1,083	129	13.5	12	19	31
43002	Insurance Sales Workers	211	190	-21	-10.0	-2	3	3
43005	Brokers, Real Estate	141	191	50	35.5	5	3	8
43008	Sales Agents, Real Estate	326	367	41	12.6	4	6	10
43011	Real Estate Appraisers	32	35	3	9.4	0	1	1
43014	Securities & Financial Services, Sales	*	*	*	*	*	*	*
43017	Sales Agents, Selected Business Services	107	140	33	30.8	3	3	6
43021	Travel Agents	*	*	*	*	*	*	*
43023	Sales Agents, Advertising	86	93	7	8.1	1	2	3
43099	All Other Sales Representatives & Services	*	*	*	*	*	*	*
49000	All Other Sales, Total	8,750	10,399	1,649	18.9	148	277	425
49001	All Other Sales	8,750	10,399	1,649	18.9	148	277	425
49002	Sales Engineers	*	*	*	*	*	*	*
49005	Sales Representatives, Scientific Products/Services	330	421	91	27.6	8	8	16
49008	Other Sales Representatives, Excluding Retail	840	973	133	15.8	12	21	33
49011	Salespersons, Retail	2,656	3,102	446	16.8	41	80	121
49014	Salespersons, Parts	300	370	70	23.3	6	8	14
49017	Counter & Rental Clerks	343	453	110	32.1	10	10	20
49021	Stock Clerks, Sales Floor	1,049	1,142	93	8.9	8	21	29
49023	Cashiers	2,905	3,558	653	22.5	59	118	177
49026	Telemarketers, Door-To-Door Sales, Street Vendors	149	170	21	14.1	2	4	6
49032	Demonstrators, Promoters, Models	*	*	*	*	*	*	*
49999	All Other Sales & Related Workers	142	168	26	18.3	2	5	7

Marketing & Sales Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Administrative Support Occupations, Clerical

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005 Number	1994-2005 Percent	Average Annual 1994-2005 Growth	Separations	Total
00000	Total, All Occupations	88,243	102,400	14,157	16.0	1,270	1,973	3,243
50000	Administrative Support Occupations, Clerical	12,287	13,269	982	8.0	93	244	337
51000	Administrative Support, Supervisors	650	786	136	20.9	12	16	28
51001	Administrative Support, Supervisors	650	786	136	20.9	12	16	28
51002	Clerical Supervisors & Managers	650	786	136	20.9	12	16	28
53000	Industry Specific Support Occupations	2,007	2,145	138	6.9	14	44	58
53100	Bank, Security, Finance, Credit	922	858	-64	-6.9	-5	24	24
53102	Bank Tellers	487	344	-143	-29.4	-13	18	18
53105	New Accounts Clerks, Banking	81	83	2	2.5	0	2	2
53108	Transit Clerks	*	*	*	*	*	*	*
53111	Loan Interviewers	*	*	*	*	*	*	*
53114	Credit Authorizers	*	*	*	*	*	*	*
53117	Credit Checkers	*	*	*	*	*	*	*
53121	Loan & Credit Clerks	99	90	-9	-9.1	-1	2	2
53123	Adjustment Clerks	201	296	95	47.3	9	2	11
53126	Statement Clerks	*	*	*	*	*	*	*
53128	Brokerage Clerks	*	*	*	*	*	*	*
53300	Selected Insurance Workers	152	169	17	11.2	2	2	4
53302	Insurance Adjusters, Examiners & Investigators	33	36	3	9.1	0	0	0
53305	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	*
53308	Insurance Examining Clerks	*	*	*	*	*	*	*
53311	Insurance Claims Clerks	55	74	19	34.6	2	1	3
53314	Insurance Policy Processing Clerks	60	55	-5	-8.3	0	1	1
53500	Investigative & Related Workers	286	352	66	23.1	6	4	10
53502	Welfare Eligibility Workers & Interviewers	111	100	-11	-9.9	-1	2	2
53505	Investigators, Clerical	*	*	*	*	*	*	*
53508	Bill & Account Collectors	172	248	76	44.2	7	2	9
53700	Court, Municipal, & License Clerks	108	118	10	9.3	1	1	2
53702	Court Clerks	65	72	7	10.8	1	1	2
53705	Municipal Clerks	*	*	*	*	*	*	*
53708	License Clerks	28	31	3	10.7	0	0	0
53800	Lodging & Travel Workers	120	138	18	15.0	2	5	7
53805	Reservation & Transportation Ticket Agents	*	*	*	*	*	*	*
53808	Hotel Desk Clerks	107	125	18	16.8	2	5	7
53900	Other Industry Specific Workers	419	510	91	21.7	8	8	16
53902	Library Assistants & Bookmobile Drivers	91	94	3	3.3	0	4	4
53905	Teacher Aides & Educational Assistants	305	394	89	29.2	8	4	12
53908	Advertising Clerks	*	*	*	*	*	*	*
53911	Proofreaders & Copy Markers	*	*	*	*	*	*	*
53914	Real Estate Clerks	*	*	*	*	*	*	*
55000	General Office & Secretarial Occupations	6,564	7,121	557	8.5	50	127	177
55100	Secretaries	2,003	2,256	253	12.6	24	36	60
55102	Legal Secretaries	111	150	39	35.1	4	2	6
55105	Medical Secretaries	205	247	42	20.5	4	4	8
55108	Secretaries, Except Legal & Medical	1,687	1,859	172	10.2	16	30	46
55300	General Office Occupations	4,561	4,865	304	6.7	26	91	117
55302	Stenographers	64	70	6	9.4	1	1	2
55305	Receptionists & Information Clerks	571	752	181	31.7	16	11	27
55307	Typists, Including Word Processing	212	163	-49	-23.1	-4	2	2

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
55314	Personnel Clerks, Except Payroll & Timekeeping	51	40	-11	-21.6	-1	1	1
55317	Correspondence Clerks	*	*	*	*	*	*	*
55321	File Clerks	125	119	-6	-4.8	-1	4	4
55323	Order Clerks: Materials, Service, & Merchandise	213	227	14	6.6	1	5	6
55326	Procurement Clerks	34	36	2	5.9	0	1	1
55328	Statistical Clerks	*	*	*	*	*	*	*
55332	Interviewing Clerks, Ex Personnel/Social Welfare	38	41	3	7.9	0	1	1
55335	Customer Service Representatives, Utilities	77	97	20	26.0	2	2	4
55338	Bookkeeping, Accounting, Auditing Clerks	1,320	1,269	-51	-3.9	-5	21	21
55341	Payroll & Timekeeping Clerks	98	94	-4	-4.1	0	2	2
55344	Billing, Cost & Rate Clerks	189	203	14	7.4	1	5	6
55347	General Office Clerks	1,544	1,736	192	12.4	17	35	52
56000	Electronic Data Processing & Office Machine	477	395	-82	-17.2	-7	8	8
56001	Electronic Data Processing & Office Machine	477	395	-82	-17.2	-7	8	8
56002	Billing, Posting, & Calculating Machine Operators	45	16	-29	-64.4	-3	2	2
56005	Duplicating Machine Operators	*	*	*	*	*	*	*
56008	Mail Machine Operators, Preparation & Handling	71	50	-21	-29.6	-2	3	3
56011	Computer Operators, Except Peripheral Equipment	92	65	-27	-29.4	-2	1	1
56014	Peripheral EDP Equipment Operators	*	*	*	*	*	*	*
56017	Data Entry Keyers, Except Composing	232	234	2	0.9	0	1	1
56021	Data Entry Keyers, Composing	*	*	*	*	*	*	*
56099	All Other Office Machine Operators	*	*	*	*	*	*	*
57000	Communications, Mail, Distribution Occupations	664	668	4	0.6	1	15	16
57100	Communications Equipment Operators	130	129	-1	-0.8	1	2	3
57102	Switchboard Operators	99	105	6	6.1	1	2	3
57105	Directory Assistance Operators	*	*	*	*	*	*	*
57108	Central Office Operators	*	*	*	*	*	*	*
57111	Telegraph & Teletype Operators	*	*	*	*	*	*	*
57300	Mail & Message Distribution Workers	534	539	5	0.9	0	13	13
57302	Mail Clerks, Except Mail Machine/Postal Service	38	38	0	0.0	0	1	1
57305	Postal Mail Carriers	329	328	-1	-0.3	0	9	9
57308	Postal Service Clerks	130	133	3	2.3	0	2	2
57311	Messengers	37	40	3	8.1	0	1	1
58000	Material Recording, Scheduling, Distributing	1,720	1,942	222	12.9	22	32	54
58001	Material Recording, Scheduling, Distributing	1,720	1,942	222	12.9	22	32	54
58002	Dispatchers: Police, Fire, & Ambulance	63	71	8	12.7	1	1	2
58005	Dispatchers, Except Police, Fire, & Ambulance	106	123	17	16.0	2	2	4
58008	Production, Planning & Expediting Clerks	153	174	21	13.7	2	3	5
58011	Transportation Agents	28	38	10	35.7	1	0	1
58014	Meter Readers, Utilities	41	37	-4	-9.8	0	1	1
58017	Weighers, Measurers, Checkers, Samplers	32	38	6	18.8	1	1	2
58021	Marking Clerks	*	*	*	*	*	*	*
58023	Stock Clerks: Stockroom, Warehouse, or Yard	587	652	65	11.1	6	12	18
58026	Order Fillers, Wholesale & Retail Sales	249	291	42	16.9	4	5	9
58028	Traffic, Shipping & Receiving Clerks	399	449	50	12.5	5	6	11
58099	All Other Material Recording & Related	41	43	2	4.9	0	1	1
59000	All Other Clerical Occupations	205	212	7	3.4	1	2	3
59100	All Other Clerical & Administrative Support	205	212	7	3.4	1	2	3
59999	All Other Clerical & Administrative Support	205	212	7	3.4	1	2	3

Administrative Support Occupations, Clerical

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Service Occupations

Occupational		Employment*		Change		Job Openings		
Code	Title	1994	2005	1994-2005		Average Annual 1994-2005		
		Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	88,243	102,400	14,157	16.0	1,270	1,973	3,243
60000	Service Occupations	13,748	16,508	2,760	20.1	246	304	550
61000	First Line Supervisors, Service	549	650	101	18.4	8	15	23
61001	First Line Supervisors, Service	549	650	101	18.4	8	15	23
61002	Fire Fighting & Prevention Supervisors	36	39	3	8.3	0	2	2
61005	Police & Detective Supervisors	45	49	4	8.9	0	2	2
61008	Institutional Cleaning Supervisors	49	51	2	4.1	0	1	1
61099	All Other Service Supervisors	419	511	92	22.0	8	10	18
62000	Private Household Workers	302	226	-76	-25.2	-7	7	7
62001	Private Household Workers	302	226	-76	-25.2	-7	7	7
62021	Cooks, Private Household	*	*	*	*	*	*	*
62031	Housekeepers & Butlers, Private	*	*	*	*	*	*	*
62041	Childcare Workers, Private Household	103	91	-12	-11.7	-1	4	4
62051	Cleaners & Servants, Private Household	178	125	-53	-29.8	-5	3	3
63000	Protective Service Occupations	1,026	1,315	289	28.2	25	28	53
63001	Protective Service Occupations	1,026	1,315	289	28.2	25	28	53
63002	Fire Inspectors	*	*	*	*	*	*	*
63005	Forest Fire Inspectors & Prevention	*	*	*	*	*	*	*
63008	Fire Fighters	124	149	25	20.2	2	5	7
63011	Police Detectives & Investigators	*	*	*	*	*	*	*
63014	Police Patrol Officers	227	298	71	31.3	6	9	15
63017	Correction Officers	110	189	79	71.8	7	2	9
63021	Parking Enforcement Officers	*	*	*	*	*	*	*
63023	Bailiffs	*	*	*	*	*	*	*
63028	Criminal Investigators, Federal	*	*	*	*	*	*	*
63032	Sheriffs & Deputy Sheriffs	53	72	19	35.9	2	1	3
63035	Detectives, Except Public	*	*	*	*	*	*	*
63038	Railroad & Transit Police	*	*	*	*	*	*	*
63041	Fish & Game Wardens	*	*	*	*	*	*	*
63044	Crossing Guards	*	*	*	*	*	*	*
63047	Guards	386	468	82	21.2	7	7	14
63099	Other Protective Service Occupations	45	49	4	8.9	0	4	4
65000	Food, Beverage Preparation & Service Occupations	5,953	6,884	931	15.6	83	149	232
65001	Food & Beverage Preparation/Service Occupations	5,953	6,884	931	15.6	83	149	232
65002	Hosts & Hostesses: Restaurant/Lounge/Coffee Shop	117	144	27	23.1	2	3	5
65005	Bartenders	132	134	2	1.5	0	4	4
65008	Waiters & Waitresses	876	1,024	148	16.9	13	40	53
65011	Food Servers	*	*	*	*	*	*	*
65014	Dining Room, Cafeteria Attendants & Bar Helpers	254	267	13	5.1	1	10	11
65017	Counter Attendants, Lunchroom, Cafeteria	162	154	-8	-4.9	-1	10	10
65021	Bakers, Bread & Pastry	34	39	5	14.7	0	1	1
65023	Butchers & Meatcutters	125	109	-16	-12.8	-1	3	3
65026	Cooks, Restaurant	432	538	106	24.5	10	11	21
65028	Cooks, Institution or Cafeteria	489	483	-6	-1.2	-1	12	12
65032	Cooks, Fast Food	620	757	137	22.1	12	16	28
65035	Cooks, Short Order	177	219	42	23.7	4	4	8
65038	Food Preparation Workers	751	913	162	21.6	15	9	24
65041	Food Preparation & Service Workers, Fast Food	1,572	1,869	297	18.9	27	18	45
65099	All Other Food Service Workers	198	218	20	10.1	2	7	9
66000	Health Service Occupations	2,152	2,944	792	36.8	72	38	110
66001	Health Service Occupations	2,152	2,944	792	36.8	72	38	110

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
66002	Dental Assistants	124	165	41	33.1	4	4	8
66005	Medical Assistants	251	419	168	66.9	15	5	20
66008	Nursing Aides, Orderlies & Attendants	1,219	1,457	238	19.5	22	18	40
66011	Home Health Aides	212	382	170	80.2	15	3	18
66014	Psychiatric Aides	*	*	*	*	*	*	*
66017	Physical & Corrective Therapy Assistants & Aides	104	198	94	90.4	9	3	12
66021	Occupational Therapy Assistants & Aides	*	*	*	*	*	*	*
66023	Ambulance Drivers & Attendants, Except EMTs	*	*	*	*	*	*	*
66026	Pharmacy Assistants	72	84	12	16.7	1	1	2
66099	All Other Health Service Workers	147	202	55	37.4	5	4	9
67000	Cleaning & Building Service Occupations	2,243	2,685	442	19.7	41	40	81
67001	Janitors & Cleaners, Including Maids	2,243	2,685	442	19.7	41	40	81
67002	Maids & Housekeeping Cleaners	646	721	75	11.6	7	10	17
67005	Janitors & Cleaners	1,358	1,684	326	24.0	30	25	55
67008	Pest Controllers & Assistants	41	65	24	58.5	2	1	3
67099	All Other Cleaning & Building Service Workers	198	215	17	8.6	2	4	6
68000	Selected Personal Service Occupations	1,433	1,709	276	19.3	24	25	49
68001	Personal Service Occupations	1,433	1,709	276	19.3	24	25	49
68002	Barbers	*	*	*	*	*	*	*
68005	Hairdressers, Hairstylists & Cosmetologists	506	500	-6	-1.2	-1	12	12
68008	Manicurists	*	*	*	*	*	*	*
68011	Shampooers	*	*	*	*	*	*	*
68014	Amusement & Recreation Attendants	73	133	60	82.2	5	2	7
68017	Guides	*	*	*	*	*	*	*
68021	Ushers, Lobby Attendants, Ticket Takers	36	44	8	22.2	1	1	2
68023	Baggage Porters & Bellhops	*	*	*	*	*	*	*
68026	Flight Attendants	*	*	*	*	*	*	*
68032	Wardrobe & Dressing Room Attendants	*	*	*	*	*	*	*
68035	Personal & Home Care Aides	56	83	27	48.2	2	1	3
68038	Child Care Workers	660	821	161	24.4	15	7	22
68041	Funeral Attendants	*	*	*	*	*	*	*
69000	All Other Service Occupations	90	95	5	5.6	0	2	2
69001	All Other Service Workers	90	95	5	5.6	0	2	2
69999	All Other Service Workers	90	95	5	5.6	0	2	2

Service Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Agriculture, Forestry, Fishing & Related Occupations

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005 Number	1994-2005 Percent	Average Annual 1994-2005		
						Growth	Separations	Total
00000	Total, All Occupations	88,243	102,400	14,157	16.0	1,270	1,973	3,243
70010	Agriculture, Forestry, Fishing & Related Occupations	2,619	2,550	-69	-2.6	-6	80	80
71000	Farm Operators & Managers	1,209	982	-227	-18.8	-20	52	52
71001	Farm Managers	1,209	982	-227	-18.8	-20	52	52
71002	Farmers	988	777	-211	-21.4	-19	48	48
71005	Farm Managers	221	205	-16	-7.2	-1	4	4
72000	Supervisors: Farming, Forestry & Agricultural	48	56	8	16.7	1	1	2
72001	First Line Agriculture Supervisors	48	56	8	16.7	1	1	2
72002	First Line Supervisors: Agriculture/Forestry/Fishing	33	44	11	33.3	1	1	2
72008	Supervisors, Farm Workers	*	*	*	*	*	*	*
73000	Forestry & Logging Occupations	31	31	0	0.0	0	0	0
73001	Forestry & Logging Occupations	31	31	0	0.0	0	0	0
73002	Fallers & Buckers	*	*	*	*	*	*	*
73008	Log Handling Equipment Operators	*	*	*	*	*	*	*
73011	Logging Tractor Operators	*	*	*	*	*	*	*
73099	All Other Timber Cutting & Related Workers	*	*	*	*	*	*	*
74000	Farm Occupations	476	403	-73	-15.3	-7	11	11
74001	Farm Occupations	476	403	-73	-15.3	-7	11	11
74002	Farm Workers, Excluding Agricultural Services	476	403	-73	-15.3	-7	11	11
75000	Agriculture Related Occupations	*	*	*	*	*	*	*
75001	Agriculture Related Workers	*	*	*	*	*	*	*
75015	Supervisors, Related Agricultural Occupations	*	*	*	*	*	*	*
77000	Fishers, Hunters & Trappers	*	*	*	*	*	*	*
77001	Fishers, Hunters & Trappers	*	*	*	*	*	*	*
77005	Fishers, Hunters, & Trappers	*	*	*	*	*	*	*
79000	Other Agriculture & Forestry Occupations	850	1,074	224	26.4	20	16	36
79001	Gardening, Nursery, Greenhouse/Lawn Occupations	850	1,074	224	26.4	20	16	36
79002	Forest & Conservation Workers	*	*	*	*	*	*	*
79005	Nursery Workers	64	98	34	53.1	3	1	4
79008	Log Graders & Scalers	*	*	*	*	*	*	*
79011	Graders & Sorters, Agricultural Products	45	39	-6	-13.3	-1	1	1
79017	Animal Caretakers, Except Farm	75	104	29	38.7	3	2	5
79030	Gardeners & Groundskeepers, Except Farm	225	270	45	20.0	4	3	7
79033	Pruners	*	*	*	*	*	*	*
79036	Sprayers/Applicators	*	*	*	*	*	*	*
79038	Lawn Maintenance Workers	78	112	34	43.6	3	1	4
79806	Veterinary Assistants	28	39	11	39.3	1	1	2
79855	General Farm Workers, Agricultural Services	*	*	*	*	*	*	*
79999	All Other Agricultural, Forestry, Fishing	295	356	61	20.7	6	7	13

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	88,243	102,400	14,157	16.0	1,270	1,973	3,243
80001	Precision Production, Craft & Repair Occupations	11,457	13,236	1,779	15.5	157	242	399
81000	Blue Collar Worker Supervisors	1,738	1,931	193	11.1	18	39	57
81001	Blue Collar Worker Supervisors	1,738	1,931	193	11.1	18	39	57
81002	First Line Supervisors, Mechanics & Repairers	384	439	55	14.3	5	8	13
81005	First Line Supervisors, Construction	358	382	24	6.7	2	9	11
81008	First Line Supervisors, Production	708	747	39	5.5	4	15	19
81011	First Line Supervisors, Transportation	140	146	6	4.3	1	4	5
81017	First Line Supervisors, Helpers & Laborers	87	109	22	25.3	2	2	4
81099	First Line Supervisors, All Other	61	108	47	77.1	4	1	5
83000	Inspectors & Related Occupations	410	439	29	7.1	3	7	10
83001	Inspectors, Related Occupations	410	439	29	7.1	3	7	10
83002	Inspectors, Testers, & Graders, Precision	62	58	-4	-6.5	0	1	1
83005	Production Inspectors, Testers	320	346	26	8.1	2	6	8
83008	Transportation Inspectors	*	*	*	*	*	*	*
83099	All Other Inspectors, Testers & Related	25	32	7	28.0	1	0	1
85000	Mechanics, Installers, Repairers	4,324	5,149	825	19.1	73	102	175
85100	Machinery: Mechanics, Installers, Repairers	1,670	2,004	334	20.0	29	38	67
85110	Industrial Machinery Mechanics	231	273	42	18.2	4	6	10
85112	Machinery Maintenance Mechanics: Textile	*	*	*	*	*	*	*
85113	Machinery Maintenance Mechanics: Sewing	*	*	*	*	*	*	*
85116	Machinery Mechanics: Marine Equipment	102	128	26	25.5	2	3	5
85118	Machinery Mechanics, Water & Power Plants	172	210	38	22.1	3	5	8
85119	All Other Machinery Maintenance Mechanics	117	155	38	32.5	3	3	6
85123	Millwrights	45	47	2	4.4	0	1	1
85128	Machinery Maintenance Workers	47	52	5	10.6	0	1	1
85132	Maintenance Repairers, General Utility	947	1,129	182	19.2	17	19	36
85300	Vehicle & Mobile Equipment Mechanics/Repairers	1,360	1,680	320	23.5	29	34	63
85302	Automotive Mechanics	614	789	175	28.5	16	17	33
85305	Automotive Body & Related Repairers	180	221	41	22.8	4	4	8
85308	Motorcycle Repairers	*	*	*	*	*	*	*
85311	Bus & Truck Mechanics, Diesel Engine Specialists	249	313	64	25.7	6	5	11
85314	Mobile Heavy Equipment Mechanics	111	134	23	20.7	2	3	5
85317	Rail Car Repairers	40	33	-7	-17.5	-1	1	1
85321	Farm Equipment Mechanics	55	65	10	18.2	1	1	2
85323	Aircraft Mechanics	28	37	9	32.1	1	1	2
85326	Aircraft Engine Specialists	*	*	*	*	*	*	*
85328	Small Engine Specialists	62	64	2	3.2	0	2	2
85500	Communications Equipment Mechanics	74	57	-17	-23.0	-1	1	1
85502	Central Office & PBX Installers & Repairers	62	46	-16	-25.8	-1	1	1
85505	Frame Wires, Central Office	*	*	*	*	*	*	*
85511	Signal or Track Switch Maintainers	*	*	*	*	*	*	*
85514	Radio Mechanics	*	*	*	*	*	*	*
85599	All Other Communications Equipment Mechanics	*	*	*	*	*	*	*
85701	Electrical & Electronic Equipment Mechanics	436	442	6	1.4	0	10	10
85702	Telephone & Cable TV Line Installers/Repairers	147	150	3	2.0	0	3	3
85705	Data Processing Equipment Repairers	*	*	*	*	*	*	*
85708	Electronic Home Entertainment Equip. Repairers	*	*	*	*	*	*	*
85711	Electric Home Appliance & Power Tool Repairers	30	31	1	3.3	0	1	1
85714	Electric Motor, Transformer & Related Repairers	*	*	*	*	*	*	*
85717	Electronics Repairers, Commercial & Industrial	34	37	3	8.8	0	1	1

Precision Production, Craft & Repair Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Precision Production, Craft & Repair Occupations

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005 Number	1994-2005 Percent	Average Annual 1994-2005		
						Growth	Separations	Total
85721	Powerhouse, Substation, & Related Electricians	*	*	*	*	*	*	*
85723	Electrical Powerline Installers & Repairers	89	101	12	13.5	1	2	3
85726	Station Installers & Repairers, Telephone	45	23	-22	-48.9	-2	1	1
85728	Electrical Installers/Repairers, Transportation	*	*	*	*	*	*	*
85799	All Other Electrical/Electronic Equip. Mechanics	29	37	8	27.6	1	1	2
85900	Other Mechanics, Installers & Repairers	784	966	182	23.2	16	19	35
85902	Heat, A/C, Refrigeration Mechanics & Installers	210	307	97	46.2	9	5	14
85905	Precision Instrument Repairers	142	154	12	8.5	1	4	5
85908	Electromedical & Biomedical Equipment Repairers	*	*	*	*	*	*	*
85911	Electric Meter Installers & Repairers	*	*	*	*	*	*	*
85917	Watchmakers	*	*	*	*	*	*	*
85921	Musical Instrument Repairers & Tuners	*	*	*	*	*	*	*
85923	Locksmiths & Safe Repairers	*	*	*	*	*	*	*
85926	Office Machine & Cash Register Services	*	*	*	*	*	*	*
85928	Mechanical Control & Valve Installers & Repairers	*	*	*	*	*	*	*
85932	Elevator Installers & Repairers	*	*	*	*	*	*	*
85935	Riggers	*	*	*	*	*	*	*
85938	Mobile Home Installers & Repairers	41	49	8	19.5	1	1	2
85944	Gas Appliance Repairers	*	*	*	*	*	*	*
85947	Coin & Vending Machine Servicers & Repairers	29	30	1	3.5	0	1	1
85951	Bicycle Repairers	*	*	*	*	*	*	*
85953	Tire Repairers & Changers	128	173	45	35.2	4	4	8
85956	Menders, Garments, Linens & Related	*	*	*	*	*	*	*
85999	All Other Mechanics, Installers & Repairers	129	145	16	12.4	1	2	3
87000	Construction Trades & Extractive Occupations	3,794	4,350	556	14.7	49	76	125
87001	Construction Trades Workers	1,131	1,253	122	10.8	11	21	32
87102	Carpenters	1,016	1,116	100	9.8	9	18	27
87105	Ceiling Tile Installers & Acoustical Carpenters	*	*	*	*	*	*	*
87108	Drywall Installers	77	94	17	22.1	2	2	4
87111	Tapers	35	40	5	14.3	0	1	1
87200	Electrical Workers	633	753	120	19.0	11	14	25
87202	Electricians	633	753	120	19.0	11	14	25
87300	Masonry Workers	333	417	84	25.2	7	4	11
87302	Brick Masons	208	270	62	29.8	6	3	9
87308	Hard Tile Setters	*	*	*	*	*	*	*
87311	Concrete & Terrazzo Finishers	85	100	15	17.7	1	1	2
87314	Reinforcing Metal Workers	*	*	*	*	*	*	*
87317	Plasterers	*	*	*	*	*	*	*
87400	Painters & Related Workers	441	531	90	20.4	8	9	17
87402	Painters & Paperhangers, Construction	441	531	90	20.4	8	9	17
87500	Plumbers & Related Workers	503	558	55	10.9	4	9	13
87502	Plumbers, Pipefitters, Steamfitters	463	512	49	10.6	4	8	12
87508	Pipelayers	38	42	4	10.5	0	1	1
87511	Septic Tank Services & Sewer Pipe Cleaners	*	*	*	*	*	*	*
87600	Floor Related Workers	62	77	15	24.2	1	2	3
87602	Carpet Installers	54	69	15	27.8	1	2	3
87605	Floor Layers, Except Carpet	*	*	*	*	*	*	*
87608	Floor Sanding Machine Operators	*	*	*	*	*	*	*
87700	Road, Rail, Construction, Maintenance	168	180	12	7.1	1	5	6
87702	Air Hammer Operators	*	*	*	*	*	*	*
87708	Paving, Surfacing, Tamping Equipment Operators	39	48	9	23.1	1	1	2
87711	Highway Maintenance Workers	102	114	12	11.8	1	3	4
87714	Rail-Track Laying & Equipment Operators	*	*	*	*	*	*	*

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
87800	Other Construction Trades Workers	464	515	51	11.0	5	11	16
87802	Insulation Workers	78	100	22	28.2	2	2	4
87805	Sheet Metal Duct Installers	49	57	8	16.3	1	1	2
87808	Roofers	179	202	23	12.9	2	4	6
87811	Glaziers	*	*	*	*	*	*	*
87814	Structural Metal Workers	43	39	-4	-9.3	0	1	1
87817	Fence Erectors	*	*	*	*	*	*	*
87899	All Other Construction Trades Workers	71	74	3	4.2	0	2	2
87900	Extractive & Related Workers, Including Blasters	59	66	7	11.9	1	1	2
87902	Earth Drillers, Except Oil & Gas	*	*	*	*	*	*	*
87905	Blasters & Explosives Workers	*	*	*	*	*	*	*
87989	All Other Extractive Workers, Except Helpers	*	*	*	*	*	*	*
87999	All Other Construction & Extractive Workers	40	49	9	22.5	1	1	2
89000	Precision Production Occupations	1,191	1,367	176	14.8	14	18	32
89100	Metal Workers, Precision	706	818	112	15.9	10	13	23
89102	Tool & Die Makers	45	50	5	11.1	0	1	1
89105	Instrument Makers, Precision	*	*	*	*	*	*	*
89108	Machinists	469	566	97	20.7	9	9	18
89111	Tool Grinders, Filers, Sharpeners	*	*	*	*	*	*	*
89117	Layout Workers, Metal, Precision	*	*	*	*	*	*	*
89123	Jewelers & Silversmiths	*	*	*	*	*	*	*
89132	Sheet Metal Workers	128	136	8	6.3	1	2	3
89135	Boilermakers	33	28	-5	-15.2	0	1	1
89199	All Other Precision Metal Workers	*	*	*	*	*	*	*
89300	Woodworkers, Precision	167	205	38	22.8	4	3	7
89302	Pattern & Model Makers, Wood	*	*	*	*	*	*	*
89308	Wood Machinists	61	74	13	21.3	1	1	2
89311	Cabinetmakers & Bench Carpenters	40	46	6	15.0	1	1	2
89314	Furniture Finishers	*	*	*	*	*	*	*
89399	All Other Precision Woodworkers	53	71	18	34.0	2	1	3
89500	Textile, Apparel, & Furnishing Workers, Precision	100	89	-11	-11.0	-2	0	0
89502	Patternmakers/Layout Workers, Fabric & Apparel	*	*	*	*	*	*	*
89505	Custom Tailors & Sewers	41	27	-14	-34.2	-1	0	0
89508	Upholsterers	*	*	*	*	*	*	*
89511	Shoe & Leather Workers & Repairers, Precision	*	*	*	*	*	*	*
89514	Spotters, Dry Cleaning	*	*	*	*	*	*	*
89517	Pressers, Delicate Fabric	*	*	*	*	*	*	*
89700	Printing Workers, Precision	51	62	11	21.6	0	0	0
89702	Compositors & Typesetters, Precision	*	*	*	*	*	*	*
89705	Job Printers	*	*	*	*	*	*	*
89706	Paste-up Workers	*	*	*	*	*	*	*
89707	Electronic Pagination Systems Workers	*	*	*	*	*	*	*
89712	Photoengravers	*	*	*	*	*	*	*
89713	Camera Operators	*	*	*	*	*	*	*
89715	Scanner Operators	*	*	*	*	*	*	*
89717	Strippers, Printing	*	*	*	*	*	*	*
89718	Platemakers	*	*	*	*	*	*	*
89721	Bookbinders	*	*	*	*	*	*	*
89801	Food Workers, Precision	51	66	15	29.4	2	1	3
89802	Slaughterers & Butchers	27	33	6	22.2	1	1	2
89805	Bakers, Manufacturing	*	*	*	*	*	*	*
89808	Food Batchmakers	*	*	*	*	*	*	*
89899	All Other Precision Food & Tobacco Workers	*	*	*	*	*	*	*

Precision Production, Craft & Repair Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change 1994-2005		Job Openings Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
89900	Other Precision Workers	116	127	11	9.5	0	1	1
89902	Foundry Mold & Core Makers	*	*	*	*	*	*	*
89905	Molders & Shapers, Except Jewelry/Foundry	50	57	7	14.0	1	1	2
89914	Photographic Process Workers	*	*	*	*	*	*	*
89917	Optical Goods Workers	*	*	*	*	*	*	*
89921	Dental Laboratory Technicians	*	*	*	*	*	*	*
89999	All Other Precision Workers	*	*	*	*	*	*	*

Precision Production, Craft & Repair Occupations

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	88,243	102,400	14,157	16.0	1,270	1,973	3,243
90000	Operators, Fabricators, & Laborers	17,620	20,522	2,902	16.5	262	401	663
91000	Machine Setters, Set-Up Operators & Tenders	4,534	5,108	574	12.7	55	104	159
91100	Selected Machine Setters/Operators/Tenders	190	223	33	17.4	3	2	5
91102	Sawing Machine Tool Setters/Operators, M/P	*	*	*	*	*	*	*
91105	Lathe/Turning Machine Tool Setters/Operators, M/P	*	*	*	*	*	*	*
91108	Drilling/Boring Machine Setters/Operators, M/P	*	*	*	*	*	*	*
91111	Milling Machine Setters/Operators, Metal/Plastic	*	*	*	*	*	*	*
91114	Grinding Machine Setters/Operators, Metal/Plastic	*	*	*	*	*	*	*
91117	Machine Tool Cutting Operators/Tenders, Met/Plas	160	195	35	21.9	3	2	5
91200	Machine Tool Cut & Form Setters/Operators/Tenders	290	293	3	1.0	1	6	7
91302	Punching Machine Setters/Operators, Metal/Plas	*	*	*	*	*	*	*
91305	Press Machine Setters & Operators, Metal/Plastic	*	*	*	*	*	*	*
91308	Shear Machine Setters & Operators, Metal/Plastic	*	*	*	*	*	*	*
91311	Extruding & Drawing Setters/Operators, Metal/Plas	81	62	-19	-23.5	-2	3	3
91314	Rolling Machine Setters/Operators, Metal/Plastic	92	112	20	21.7	2	1	3
91317	Forging Machine Setters/Operators, Metal/Plastic	*	*	*	*	*	*	*
91321	Machine Forming Operators Tenders, Metal/Plastic	57	53	-4	-7.0	0	2	2
91500	Numerical/Combination Machine Setters/Operators	102	145	43	42.2	4	1	5
91502	Numerical Control Machine Operators/Tenders, M/P	54	89	35	64.8	3	1	4
91505	Combination Machine Tool Setters/Operators, M/P	*	*	*	*	*	*	*
91508	Combination Machine Tool Operators/Tenders, M/P	31	40	9	29.0	1	0	1
91700	Metal Fabricating Machine Setters & Operators	73	98	25	34.3	3	2	5
91702	Welding Machine Setters & Set-up Operators	*	*	*	*	*	*	*
91705	Welding Machine Operators & Tenders	27	44	17	63.0	2	1	3
91711	Soldering & Brazing Machine Operators & Tenders	*	*	*	*	*	*	*
91714	Metal Fabricators, Structural Metal Products	44	52	8	18.2	1	1	2
91900	Metal & Plastic Processing Machine Setters/Operators	286	361	75	26.2	7	8	15
91902	Plastic Molding Machine Setters & Operators	*	*	*	*	*	*	*
91905	Plastic Molding Machine Operators & Tenders	170	213	43	25.3	4	5	9
91908	Metal Molding Machine Setters & Operators	56	89	33	58.9	3	2	5
91911	Metal Molding Machine Operators & Tenders	*	*	*	*	*	*	*
91914	Foundry Mold Assembly & Shakeout Workers	*	*	*	*	*	*	*
91917	Electric Plating Machine Setters & Operators, M/P	*	*	*	*	*	*	*
91921	Electric Plating Machine Operators/Tenders, M/P	*	*	*	*	*	*	*
91923	Nonelectric Plating Machine Setters/Operators, M/P	*	*	*	*	*	*	*
91926	Nonelectric Plating Machine Operators/Tenders	*	*	*	*	*	*	*
91932	Heat Treating Machine Operators & Tenders, M/P	*	*	*	*	*	*	*
91935	Furnace Operators & Tenders	*	*	*	*	*	*	*
92100	All Other Metal & Plastic Machine Setters/Operators	*	*	*	*	*	*	*
92197	All Other Metal & Plastic Machine Setters	*	*	*	*	*	*	*
92198	All Other Metal & Plastic Machine Operators	*	*	*	*	*	*	*
92300	Woodworking Machine Setters & Operators	88	89	1	1.1	0	1	1
92302	Sawing Machine Setters & Set-Up Operators	*	*	*	*	*	*	*
92305	Head Sawyers	*	*	*	*	*	*	*
92308	Sawing Machine Operators & Tenders	47	48	1	2.1	0	1	1
92311	Woodworking Machine Setters & Operators	*	*	*	*	*	*	*
92314	Woodworking Machine Operators & Tenders	*	*	*	*	*	*	*
92500	Printing, Binding & Related Occupations	192	201	9	4.7	1	2	3
92512	Offset Lithographic Press Operators	56	52	-4	-7.1	0	1	1
92524	Screen Printing Machine Setters & Operators	*	*	*	*	*	*	*

Operators, Fabricators, & Laborers

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Operators, Fabricators, & Laborers

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005 Number	Percent	Average Annual 1994-2005		
						Growth	Separations	Total
92525	Bindery Machine Setters & Set-Up Operators	27	35	8	29.6	1	0	1
92529	All Other Printing, Related Setters & Operators	*	*	*	*	*	*	*
92541	Typesetting/Composing Machine Operators/Tenders	*	*	*	*	*	*	*
92543	Printing Press Machine Operators & Tenders	66	75	9	13.6	1	1	2
92545	Photoengraving/Lithographic Operators/Tenders	*	*	*	*	*	*	*
92546	Bindery Machine Operators	*	*	*	*	*	*	*
92549	All Other Printing, Binding & Related Workers	*	*	*	*	*	*	*
92701	Textile & Related Setters & Operators	813	797	-16	-2.0	-1	14	14
92705	Textile Machine Operators & Tenders, Winding	*	*	*	*	*	*	*
92708	Extruding & Forming Machine Operators/Tenders	32	57	25	78.1	2	1	3
92717	Sewing Machine Operators, Garment	465	365	-100	-21.5	-9	7	7
92721	Sewing Machine Operators, Non-Garment	89	121	32	36.0	3	1	4
92723	Shoe Sewing Machine Operators & Tenders	*	*	*	*	*	*	*
92726	Laundry/Drycleaning Machine Operators/Tenders	143	162	19	13.3	2	3	5
92728	Pressing Machine Operators/Tenders, Textile	78	87	9	11.5	1	2	3
92901	Other Machine Setters, Operators/Tenders	2,493	2,893	400	16.0	37	68	105
92905	Motion Picture Projectionists	*	*	*	*	*	*	*
92908	Photographic Processing Machine Oprs/Tenders	*	*	*	*	*	*	*
92911	Tire Building Machine Operators	292	302	10	3.4	1	7	8
92914	Paper Goods Machine Setters/Set-Up Operators	*	*	*	*	*	*	*
92917	Cooking Machine Operators, Food/Tobacco	*	*	*	*	*	*	*
92921	Roasting Machine Operators, Food/Tobacco	*	*	*	*	*	*	*
92923	Furnace, Kiln or Kettle Operators/Tenders	120	132	12	10.0	1	2	3
92926	Boiler Operators & Tenders, Low Pressure	45	37	-8	-17.8	-1	1	1
92928	Cooling & Freezing Equipment Operators/Tenders	*	*	*	*	*	*	*
92932	Dairy Processing Equipment Operators/Setters	*	*	*	*	*	*	*
92935	Chemical Equipment Controllers/Operators	897	1,113	216	24.1	20	32	52
92938	Chemical Equipment Tenders	*	*	*	*	*	*	*
92941	Cutting & Slicing Machine Setters	*	*	*	*	*	*	*
92944	Cutting & Slicing Machine Operators/Tenders	39	43	4	10.3	0	1	1
92947	Painters,Transportation Equipment	*	*	*	*	*	*	*
92951	Painting Machine Setters/ Set-Up Operators	38	43	5	13.2	0	1	1
92953	Painting Machine Operators/Tenders	108	108	0	0.0	0	3	3
92956	Cement & Gluing Machine Operators/Tenders	*	*	*	*	*	*	*
92958	Cleaning & Pickling Equipment Operators/Tenders	*	*	*	*	*	*	*
92962	Separating & Still Machine Operators/Tenders	*	*	*	*	*	*	*
92965	Crushing & Mixing Machine Operators/Tenders	117	118	1	0.9	0	3	3
92968	Extruding & Forming Machine Setters	36	45	9	25.0	1	1	2
92971	Extruding & Forming Machine Operators/Tenders	106	125	19	17.9	2	2	4
92974	Packaging & Filling Machine Operators/Tenders	180	220	40	22.2	4	4	8
92997	All Other Machine Setters and Set-Up Operators	72	68	-4	-5.6	0	2	2
92998	All Other Machine Operators & Tenders	360	450	90	25.0	8	9	17
93000	Handworking Occupations, Including Assemblers	2,943	3,824	881	29.9	79	72	151
93100	Assemblers, Precision	101	143	42	41.6	3	2	5
93105	Machine Builders, Assemblers, Precision	*	*	*	*	*	*	*
93108	Fitters, Structural Metal, Precision	*	*	*	*	*	*	*
93111	Electromechanical Equipment Assemblers	50	74	24	48.0	2	1	3
93114	Electrical, Electronic Equipment Assemblers	31	42	11	35.5	1	1	2
93117	Watch & Clock Assemblers & Related, Precision	*	*	*	*	*	*	*
93900	Hand Workers, Including Assemblers & Fabricators	2,842	3,681	839	29.5	76	70	146
93902	Machine Assemblers	175	245	70	40.0	6	4	10
93905	Electrical & Electronic Assemblers	215	231	16	7.4	1	5	6
93908	Coil Winders, Tapers, & Finishers	36	37	1	2.8	0	1	1

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
93914	Welders & Cutters	522	618	96	18.4	9	13	22
93917	Solderers & Brazers	*	*	*	*	*	*	*
93921	Pressers, Hand	*	*	*	*	*	*	*
93926	Cutters & Trimmers, Hand	71	84	13	18.3	1	2	3
93928	Portable Machine Cutters	*	*	*	*	*	*	*
93938	Meat, Poultry & Fish Cutters & Trimmers, Hand	579	959	380	65.6	35	15	50
93941	Metal Pourers & Casters, Basic Shapes	*	*	*	*	*	*	*
93944	Molders & Casters, Hand	112	123	11	9.8	1	3	4
93947	Painting, Coating, & Decorating Workers, Hand	*	*	*	*	*	*	*
93951	Engraving & Printing Workers, Hand	*	*	*	*	*	*	*
93953	Grinders & Polishers, Hand	46	57	11	23.9	1	1	2
93956	All Other Assemblers & Fabricators	826	1,001	175	21.2	16	19	35
93999	All Other Hand Workers	215	268	53	24.7	5	6	11
95000	Plant & System Occupations	461	480	19	4.1	2	10	12
95001	Plant & System Occupations	461	480	19	4.1	2	10	12
95002	Water & Liquid Waste Treatment Operators	93	104	11	11.8	1	2	3
95005	Gas Plant Operators	*	*	*	*	*	*	*
95008	Chemical Plant & System Operators	89	97	8	9.0	1	2	3
95021	Power Generating Plant Operators	*	*	*	*	*	*	*
95023	Auxiliary Equipment Operators, Power	*	*	*	*	*	*	*
95028	Power Distributors & Dispatchers	104	107	3	2.9	0	2	2
95032	Stationary Engineers	40	37	-3	-7.5	0	1	1
95099	All Other Plant & System Operators	125	126	1	0.8	0	3	3
97000	Transportation/Material Moving Machine Operators	5,967	6,947	980	16.4	87	111	198
97100	Motor Vehicle Operators	3,730	4,569	839	22.5	76	63	139
97102	Truck Drivers, Heavy	1,882	2,368	486	25.8	44	31	75
97105	Truck Drivers, Light	1,191	1,430	239	20.1	22	19	41
97108	Bus Drivers, Except School	92	103	11	12.0	1	2	3
97111	Bus Drivers, School	368	409	41	11.1	4	7	11
97114	Taxi Drivers & Chauffeurs	38	51	13	34.2	1	0	1
97117	Driver/Sales Workers	155	204	49	31.6	4	4	8
97199	All Other Motor Vehicle Operators	*	*	*	*	*	*	*
97300	Rail Transportation Workers	107	73	-34	-31.8	-5	0	0
97302	Railroad Conductors & Yardmaster	*	*	*	*	*	*	*
97305	Locomotive Engineers	*	*	*	*	*	*	*
97308	Rail Yard Engineers, Dinkey Operators, & Hostlers	*	*	*	*	*	*	*
97317	Railroad Brake, Signal, & Switch Operators	*	*	*	*	*	*	*
97399	All Other Rail Vehicle Operators	*	*	*	*	*	*	*
97501	Water Transportation & Related Workers	797	872	75	9.4	6	24	30
97502	Captains	119	126	7	5.9	1	2	3
97505	Mates, Ship, Boat, & Barge	75	84	9	12.0	1	1	2
97508	Pilots, Ship	102	106	4	3.9	0	2	2
97514	Able Seamen	272	319	47	17.3	4	15	19
97517	Ordinary Seamen & Marine Oilers	129	123	-6	-4.7	-1	2	2
97521	Ship Engineers	100	114	14	14.0	1	2	3
97700	Pilot, Flight Engineer Occupations	33	44	11	33.3	1	1	2
97702	Aircraft Pilots & Flight Engineers	33	44	11	33.3	1	1	2
97800	All Other Transportation Workers	257	245	-12	-4.7	-1	7	7
97802	Bridge, Lock & Lighthouse Tenders	*	*	*	*	*	*	*
97805	Service Station Attendants	211	197	-14	-6.6	-1	6	6
97808	Parking Lot Attendants	*	*	*	*	*	*	*
97899	All Other Transportation & Related Workers	43	45	2	4.7	0	1	1
97900	Material Moving Equipment Operators	1,043	1,144	101	9.7	10	16	26

Operators, Fabricators, & Laborers

Purchase Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
97902	Longshore Equipment Operators	*	*	*	*	*	*	*
97905	Tank Car & Truck Loaders	30	37	7	23.3	1	0	1
97917	Gas Pumping Station Operators	*	*	*	*	*	*	*
97921	Gas Compressor Operators	*	*	*	*	*	*	*
97923	Excavation & Loading Machine Operators	79	96	17	21.5	2	1	3
97926	Dragline Operators	*	*	*	*	*	*	*
97928	Dredge Operators & Dipper Tenders	*	*	*	*	*	*	*
97938	Grader, Dozer, & Scraper Operators	86	99	13	15.1	1	1	2
97941	Hoist & Winch Operators	23	29	6	26.1	1	0	1
97944	Crane & Tower Operators	70	85	15	21.4	1	1	2
97947	Industrial Truck & Tractor Operators	284	293	9	3.2	1	6	7
97951	Conveyor Operators & Tenders	58	61	3	5.2	0	1	1
97953	Pump Operators	*	*	*	*	*	*	*
97956	Operating Engineers	157	167	10	6.4	1	3	4
97989	All Other Material Moving Equipment Operators	225	245	20	8.9	2	3	5
97999	All Other Transportation/Material Moving Operators	*	*	*	*	*	*	*
98000	Helpers, Laborers, & Material Movers, Hand	3,715	4,163	448	12.1	39	104	143
98100	Helpers, Laborers, & Hand Movers	127	149	22	17.3	2	4	6
98102	Mechanic & Repairer Helpers	127	149	22	17.3	2	4	6
98300	Helpers, Construction Trades	590	695	105	17.8	9	14	23
98311	Helpers, Brick & Stone Mason	114	162	48	42.1	4	3	7
98312	Helpers, Carpenters & Related	222	229	7	3.2	1	5	6
98313	Helpers, Electricians & Related	66	70	4	6.1	0	2	2
98314	Helpers, Painting & Paperhanging	*	*	*	*	*	*	*
98315	Helpers, Plumbers & Related	99	120	21	21.2	2	2	4
98316	Helpers, Roofers	33	40	7	21.2	1	1	2
98319	Helpers, All Other Construction Trades	40	53	13	32.5	1	1	2
98323	Helpers, Extractive Workers	*	*	*	*	*	*	*
98500	Machine Feeders & Offbearers Total	124	114	-10	-8.1	-1	3	3
98502	Machine Feeders & Offbearers	124	114	-10	-8.1	-1	3	3
98700	Freight, Stock, & Material Movers, Hand	987	1,001	14	1.4	1	35	36
98702	Stevedores, Except Equipment Operators	*	*	*	*	*	*	*
98705	Refuse Collectors	184	211	27	14.7	2	4	6
98799	All Other Freight, Stock, & Material Movers, Hand	796	784	-12	-1.5	-1	31	31
98900	All Other Helpers, Laborers, & Movers, Hand	1,887	2,204	317	16.8	28	48	76
98902	Hand Packers & Packagers	338	408	70	20.7	6	9	15
98905	Vehicle Washers & Equipment Cleaners	209	277	68	32.5	6	7	13
98999	All Other Helpers, Laborers, & Material Movers	1,340	1,519	179	13.4	16	32	48

Operators, Fabricators, & Laborers